**Product sheet**

## DU-145 | 300168

### Description

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|---|---|
| **Description** | DU145<br><br>DU145 (hypotriploid)<br>PGM1 PGM3<br><br>DU145<br><br>DU145 PC3 LNCaP |
| **Organism** | |
| **Tissue** | |
| **Disease** | |
| **Metastatic site** | |
| **Synonyms** | DU145, Du-145, DU 145, DU_145, DU.145, Duke University 145 |

### Age

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|---|---|
| **Age** | 69 |
| **Gender** | |
| **Morphology** | |
| **Growth properties** | |

### Citation

| | |
|---|---|
| **Citation** | DU-145 (Cytion 300168) |
| **Biosafety level** | 1 |
| **NCBI_TaxID** | 9606 |
| **CellosaurusAccession** | CVCL_0105 |

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|---|---|
| **Antigen expression** | , Rh+ |
| **Isoenzymes** | Me-2, 1-2, PGM3, 2, PGM1, 1, ES-D, 1, AK-1, 1, G6PD, B, GLO-1, 2, : 0.0041 |
| **Tumorigenic** | (II) |
| **Karyotype** | (P75) 3 4 |

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|---|---|
| **Culture Medium** | EMEM (MEM Eagle), w: 2 mM L-Glutamine, w: 2.2 g/L NaHCO3, w: EBSS ( Cytion 820100a) |
| **Supplements** | FBS 10% NEAA 1% |
| **Dissociation Reagent** | |
| **Subculturing** | PBS T25 |
| **Seeding density** | 2 x $10^4$ $/cm^2$ 4 |
| **Fluid renewal** | 2 3 |
| **Post-Thaw Recovery** | 24 |
| **Freeze medium** | (FBS) + 10% DMSO |

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|---|---|
| **Thawing and Culturing Cells** | 1.<br>2. cryovial -150<br>3. 37°C<br>4. 70%<br>5. 15<br>6. 300 x g 3<br>7. 10<br>8. |
| **Incubation Atmosphere** | 37°C, 5% $_{CO2}$, |
| **Flask Coating** | |
| **Freezing Procedure** | |
| **Shipping Conditions** | |
| **Storage Conditions** | −150 −196 °C |

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|---|---|
| **Sterility** | PCR |

## [redacted] DU-145 | 300168

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|---|---|
| [redacted] HLA | **A***: '03:21N, '33:03:01<br>**B***: '50:01:01, '57:01:01<br>**C***: '06:02:01<br>**DRB1***: '01:01:01, '07:01:01<br>**DQA1***: '01:01:01, '02:01:01<br>**DQB1***: '03:03:02, '05:01:01<br>**DPB1***: '04:01:01<br>**E**: '01:01:01, '01:09 |